

08/23/01

1003 U.S. PTO  
09/23/01  
08/23/01**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 8971-017-27

First Inventor or Application Identifier Duncan W. McBRANCH

Title PEPTIDE NUCLEIC ACID BASED MOLECULAR SENSORS FOR NUCLEIC ACIDS

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
2. ☒ Specification Total Pages **21**
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **6**
4. ☐ Oath or Declaration Total Pages
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 16 completed)
5. ☐ Incorporation By Reference (usable if box 4B is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

**ACCOMPANYING DOCUMENTS**

6. ☐ Assignment Papers (cover sheet & document(s))
7. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
8. ☐ English Translation Document (if applicable)
9. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ White Advance Serial No. Postcard
12. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
13. ☐ Request for Priority
14. ☒ List of Inventors' Names and Addresses
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:  
Prior application information: Examiner: Group Art Unit:


17. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)  
of application Serial No. Filed on

☒ This application claims priority of provisional application Serial No. 60/226,902 Filed August 23, 2000

**18. CORRESPONDENCE ADDRESS**

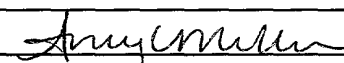
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Name	Steven B. Kelber	Registration No.	30,073
Signature		Date	08-23-01
Name	Amy L. Miller	Registration No.	43,804

<b>FEE TRANSMITTAL</b>				Docket No.		8971-017-27		
				Serial No.		New Application		
				Filing Date		Herewith		
				Inventor(s)		Duncan W McBRANCH, et al		
				Group Art Unit				
TOTAL AMOUNT OF PAYMENT			\$429.00		Examiner			

1. <input checked="" type="checkbox"/> Applicant claims small entity status. <input type="checkbox"/> Charge any <b>UNDERPAYMENT</b> or credit any <b>OVERPAYMENT</b> in the indicated fees to Deposit Account No. 50-1442. <input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442										<b>FEE CALCULATION (continued)</b>							
										<b>3. ADDITIONAL FEES</b>							
										Large Entity		Small Entity		Fee Description			
										Fee Code	Fee (\$)	Fee Code	Fee (\$)			Fee Paid	
<b>FEE CALCULATION</b>										105	130	205	65	Surcharge-late filing fee or oath		65.00	
<b>1. BASIC FILING FEE</b>										127	50	227	25	Surcharge-late provisional filing fee or cover sheet			
Large Entity		Small Entity		Fee Description				139	130	139	130	Non-English specification					
Fee Code	Fee (\$)	Fee Code	Fee (\$)					Fee Paid	147	2520	147	2520	Ex parte reexam fee				
101	710	201	355	Utility filing fee				355.00	115	110	215	55	1-mo ext of time				
106	320	206	160	Design filing fee					116	390	216	195	2-mo ext of time				
107	490	207	245	Plant filing fee					117	890	217	445	3-mo ext of time				
108	710	208	355	Reissue filing fee					118	1390	218	695	4-mo ext of time				
114	150	214	75	Provisional filing fee					128	1890	228	945	5-mo ext of time				
<b>SUBTOTAL (1)</b>								\$355.00	119	310	219	155	Notice of Appeal				
<b>2. EXTRA CLAIM FEES</b>										120	310	220	155	Appeal Brief			
ind. claims		21	-	20*	=	1	x	\$9	=	9	121	270	221	135	Request for Oral Hearing		
ind. claims		3	-	3*	=	0	x	\$40	=	0	142	1240	242	620	Utility/Reissue Issue Fee		
<input type="checkbox"/> Multiple Dependent Claims						\$135	=					143	440	243	220	Design Issue Fee	
Large Entity		Small Entity		Fee Description				144	600	244	300	Plant Issue Fee					
Fee Code	Fee (\$)	Fee Code	Fee (\$)					Fee Paid	122	130	122	130	Petitions to the Commissioner				
103	180	203	9	Claims in excess of 20					126	180	126	180	IDS Submission				
102	80	202	40	Independent claims in excess of 3					581	40	581	40	Assignment				
104	270	204	135	Multiple dependent claim, if not paid					179	710	279	355	For Filing RCE				
109	80	209	40	*Reissue independent claims over original patent					169	900	169	900	Expedited Design				
110	18	210	9	*Reissue claims in excess of 20 and over original patent				OTHER (indicate below)									
<b>SUBTOTAL (2)</b>								\$9.00	119	310	219	155					
* or number previously paid, if greater, For Reissues, see above										<b>SUBTOTAL (3)</b>						\$65.00	

Name		Steven B. Kelber		Registration No.		30,073		
Signature				Date	08-23-01		Telephone	202-861-3900
Name		Amy L. Miller		Registration No.		43,804		